



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/649,976	08/26/2003	Alain Guigui	50017848-2	6713

7590 09/03/2008
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

NGUYEN, PHUOC H

ART UNIT	PAPER NUMBER
----------	--------------

2143

MAIL DATE	DELIVERY MODE
-----------	---------------

09/03/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/649,976	Applicant(s) GUIGUI, ALAIN	
	Examiner PHUOC H. NGUYEN	Art Unit 2143	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on June 10, 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 and 15-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13, and 15-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Request for Continued Examination

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114.
2. Amendment received on June 10, 2008 has been entered into record.
3. Claims 1-13, and 15-18 are remain pending.

Response to Amendment

4. This office action is in response to the applicants Amendment filed on June 10, 2008. Claims 1-13, and 15-18 have been amended, and claim 14 have been cancelled. Claims 1-13, and 15-18 are presented for further consideration and examination.

Response to Arguments

5. Applicant's arguments with respect to claims 1, 13, and 16 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

Art Unit: 2143

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1-13, and 15-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Trivedi (U.S. 2002/0138563) in view of Desai et al (Hereafter, Desai) U.S. Pub. 2005/0192008.

Re claim 1, Trivedi discloses in Figures 1-13 in a communications environment, a system for managing user profile data (e.g. abstract and Figure 3), comprising: a) a network interface layer operatively associated with a communications network (e.g. 320 in Figure 3), b) an aggregation layer operative to extract from network data traffic user profile data and provide the user profile data to a data storage layer (e.g. paragraphs [0009-0011] and Figures 11-13), wherein the network data traffic comprises at least a signaling protocol data traffic stream (e.g. paragraphs [0009, 0066, 0098, and 0102]); c) the data storage layer, operative to store user profile data relating to the communications network (e.g. paragraph [0010]), and d) a data conversion layer, functionally disposed between the network interface and the data storage layers and which is capable of converting the user profile data into a plurality of communications network formats (e.g. paragraphs [0008-0010]); however, Trivedi fails to disclose the user profile data is converted and passed from the data storage layer to network infrastructure via the data conversion layer and network interface layer in a communications network format utilized by the network infrastructure.

Desai teaches the user profile data is converted and passed from the data storage layer to

Art Unit: 2143

network infrastructure via the data conversion layer and network interface layer in a communications network format utilized by the network infrastructure (e.g. Abstract; Figures 53-55; page 19 paragraph 0027).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate Desai's teaching into Trivedi's system to convert the user profile and transmit it to the network infrastructure in order to provide users with granular control over arbitrary information that allows for selective, real-time information sharing in a communications network such as Internet.

Re claim 2, Trivedi further discloses in Figures 1-13 the data conversion layer is capable of making bi-directional contact with the network interface layer whereby a plurality of communications network data formats converted into a user profile data format compatible with the data storage layer (e.g. Figure 5, paragraphs [0010 and 0059-0060]).

Re claim 3, Trivedi further discloses in Figures 1-13 the user profile data is provided in a single format (e.g. Figures 1 and 5).

Re claim 4, Trivedi further discloses in Figures 1-13 the user profile data is provided in a tagged or tag-based format (e.g. paragraphs [0061-0062 and 0071-0074]).

Re claim 5, Trivedi further discloses in Figures 1-13 the user profile data is provided using an Internet mark-up language (e.g. paragraphs [0061-0062]).

Re claim 6, Trivedi further discloses in Figures 1-13 an aggregation layer is operative to convene user profile data relating to a plurality of different communications networks (e.g. paragraph [0008]).

Re claim 7, Trivedi further discloses in Figures 1-13 the aggregation layer has a push/pull

Art Unit: 2143

relationship with the data conversion and data storage layers (e.g. paragraph [0008]).

Re claim 8, Trivedi further discloses in Figures 1-13 the aggregation layer comprises a data store selector operative to effect storage of user profile data in appropriate sectors of the data storage layer (e.g. as part of database).

Re claim 9, Trivedi further discloses in Figures 1-13 the data storage layer comprises a rules repository accessible by the aggregation layer, the rules contained within the repository influencing the operation of the aggregation layer (e.g. paragraphs [0085-0093]).

Re claim 10, Trivedi further discloses in Figures 1-13 a user access module operative to receive information from a user or subscriber and to effect or request a change, where appropriate, in the user profile data contained within the data storage layer (e.g. paragraph [0010]).

Re claim 11, Trivedi further discloses in Figures 1-13 the user access module forms part of the network interface layer (e.g. Figures 2-3).

Re claim 12, Trivedi further discloses in Figures 1-13 the user access module is receptive to information transmitted using a web-based protocol (e.g. paragraphs [0010-0011]).

Re claim 13, Trivedi discloses in Figures 1-13 in a communications environment, a system for managing user profile data (e.g. abstract and Figure 3), comprising: a) a network interface layer operatively associated with a plurality of different communications networks (e.g. network interface 320 in Figure 3), b) an aggregation layer operative to extract from network data traffic user profile data and provide the user profile data to a data storage layer (e.g. paragraphs [0009-0011] and Figures 11-13), wherein the network data traffic comprises at least a signaling protocol data traffic stream (e.g. paragraphs [0009, 0066, 0098, and 0102]), c) a data storage

Art Unit: 2143

layer, operative to store user profile data relating to the communications networks (e.g. paragraphs [0010 and 0061]), and d) a data conversion layer, functionally disposed between the network interface and data storage layers and which is capable of effecting a conversion between a plurality of communications network formats and a user profile format (e.g. paragraphs [0008-0010]), whereby a plurality of communications networks may have access to the data storage layer, thus enabling services to be provided using such networks that are tailored in accordance with the user profile data (e.g. paragraphs [0008-0011 and 0106]); however, Trivedi fails to disclose the user profile data is converted and passed from the data storage layer to network infrastructure via the data conversion layer and network interface layer in a communications network format utilized by the network infrastructure.

Desai teaches the user profile data is converted and passed from the data storage layer to network infrastructure via the data conversion layer and network interface layer in a communications network format utilized by the network infrastructure (e.g. Abstract; Figures 53-55; page 19 paragraph 0027).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate Desai's teaching into Trivedi's system to convert the user profile and transmit it to the network infrastructure in order to provide users with granular control over arbitrary information that allows for selective, real-time information sharing in a communications network such as Internet.

Re claim 15, Trivedi further discloses in Figures 1-13 the network interface layer is operatively associated with a plurality of communications networks (e.g. paragraph [0003]).

Re claim 16, Trivedi discloses a) a network interface layer operatively associated with a

Art Unit: 2143

communications network (e.g. 320 in Figure 3) and comprising the user access module is receptive to information transmitted using a web-based protocol (e.g. paragraphs [0010-0011]) and operative to receive information from a user or subscriber and to effect or request a change, where appropriate, in the user profile data contained within the data storage layer (e.g. paragraph [0010]); b) a data storage layer, operative to store user profile data relating to the communications network (e.g. paragraph [0010]), and c) a data conversion layer, functionally disposed between the network interface and the data storage layers and which is capable of converting the user profile data into a plurality of communications network formats (e.g. paragraphs [0008-0010]); and the aggregation layer having a push/pull relationship with the data conversion and data storage layers (e.g. paragraph [0008]) and operative to convene user profile data relating to a plurality of different communications networks from network data traffic comprising at least a signaling protocol data traffic stream (e.g. paragraph [0008]), the aggregation layer comprises a data store selector operative to effect storage of user profile data in appropriate sectors of the data storage layer (e.g. as part of database), wherein the data conversion layer is capable of making bi-directional contact with the network interface layer whereby a plurality of communications network data formats may be converted into a user profile data format compatible with the data storage layer (e.g. Figure 5, paragraphs [0010 and 0059-0060]) and the data storage layer comprises a rules repository accessible by the aggregation layer, the rules contained within the repository influencing the operation of the aggregation layer (e.g. paragraphs [0085-0093]); however, Trivedi fails to disclose the user profile data is converted and passed from the data storage layer to network infrastructure via the data conversion layer and network interface layer in a communications network format utilized by the

Art Unit: 2143

network infrastructure.

Desai teaches the user profile data is converted and passed from the data storage layer to network infrastructure via the data conversion layer and network interface layer in a communications network format utilized by the network infrastructure (e.g. Abstract; Figures 53-55; page 19 paragraph 0027).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate Desai's teaching into Trivedi's system to convert the user profile and transmit it to the network infrastructure in order to provide users with granular control over arbitrary information that allows for selective, real-time information sharing in a communications network such as Internet.

Re claim 17, it has same limitations cited in claim 15. Thus, claim 17 is also rejected under the same rationale as cited in the rejection of rejected claim 15.

Re claim 18, it has same limitations cited in claim 15. Thus, claim 18 is also rejected under the same rationale as cited in the rejection of rejected claim 15.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHUOC H. NGUYEN whose telephone number is (571)272-3919. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tonia L. Dollinger can be reached on 571-272-4170. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2143

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Phuoc H Nguyen/
Examiner, Art Unit 2143

August 26, 2008